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OM protein - protein search, using sw model

Run on: March 15, 2001, 10:36:11 ; Search time 27.43 Seconds  
(without alignments)  
3.273 Million cell updates/sec

Title: US-09-288-719-1  
Perfect score: 28  
Sequence: 1 GGGGS 5

Scoring table: BLOSUMP62  
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA.\*  
1: /cgn2\_6/ptodata/2/1aa/5A\_COMB.pep.\*  
2: /cgn2\_6/ptodata/2/1aa/5B\_COMB.pep.\*  
3: /cgn2\_6/ptodata/2/1aa/6\_COMB.pep.\*  
4: /cgn2\_6/ptodata/2/1aa/PCRNUS\_COMB.pep.\*  
5: /cgn2\_6/ptodata/2/1aa/backfilest.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	28	100.0	5 1	US-07-959-946-6 Sequence 6, Appli
2	28	100.0	5 1	US-08-176-500-140 Sequence 140, App
3	28	100.0	5 1	US-08-471-052A-140 Sequence 140, App
4	28	100.0	5 1	US-08-225-224-54 Sequence 54, Appl
5	28	100.0	5 1	US-08-236-918A-18 Sequence 18, Appl
6	28	100.0	5 1	US-08-463-163-1 Sequence 1, Appli
7	28	100.0	5 1	US-08-566-800A-58 Sequence 58, Appl
8	28	100.0	5 1	US-08-244-469-5 Sequence 5, Appli
9	28	100.0	5 1	US-08-189-331-140 Sequence 140, App
10	28	100.0	5 1	US-08-333-577-6 Sequence 6, Appli
11	28	100.0	5 1	US-08-575-361A-32 Sequence 32, Appl
12	28	100.0	5 2	US-08-564-955-64 Sequence 64, Appl
13	28	100.0	5 2	US-08-528-523-13 Sequence 13, Appl
14	28	100.0	5 2	US-08-537-874-62 Sequence 62, Appl
15	28	100.0	5 2	US-08-448-418-86 Sequence 86, Appl
16	28	100.0	5 2	US-08-471-939-140 Sequence 140, App
17	28	100.0	5 2	US-08-471-800-140 Sequence 140, App
18	28	100.0	5 2	US-08-933-589-58 Sequence 58, Appl
19	28	100.0	5 2	US-08-647-449-26 Sequence 26, Appl
20	28	100.0	5 2	US-08-821-840-1 Sequence 1, Appli
21	28	100.0	5 2	US-08-902-623-75 Sequence 75, Appl
22	28	100.0	5 2	US-08-471-068-140 Sequence 140, App
23	28	100.0	5 2	US-08-308-494A-1 Sequence 1, Appl
24	28	100.0	5 2	US-08-665-202-25 Sequence 25, Appl
25	28	100.0	5 2	US-08-809-668-12 Sequence 12, Appl
26	28	100.0	5 2	US-08-792-553-15 Sequence 15, Appl
27	28	100.0	5 2	US-08-751-767A-24 Sequence 24, Appl
28	28	100.0	5 2	US-08-818-253-40 Sequence 40, Appl

29	28	100.0	5 3	US-08-722-258-54 Sequence 54, Appl
30	28	100.0	5 3	US-09-397-951-12 Sequence 12, Appl
31	28	100.0	5 3	US-08-776-271-3 Sequence 3, Appl
32	28	100.0	5 3	US-08-621-859-64 Sequence 64, Appl
33	28	100.0	5 3	US-09-100-856A-62 Sequence 62, Appl
34	28	100.0	5 3	US-09-046-992-5 Sequence 5, Appl
35	28	100.0	5 3	US-09-215-035-3 Sequence 3, Appl
36	28	100.0	5 3	US-09-075-511-64 Sequence 64, Appl
37	28	100.0	5 4	PCT-US92-08634-6 Sequence 6, Appl
38	28	100.0	5 4	PCT-US95-04468-54 Sequence 54, Appl
39	28	100.0	6 1	US-08-704-170-76 Sequence 76, Appl
40	28	100.0	6 2	US-08-809-668-10 Sequence 10, Appl
41	28	100.0	6 3	US-09-397-951-10 Sequence 10, Appl
42	28	100.0	6 4	PCT-US94-02631-76 Sequence 76, Appl
43	28	100.0	7 2	US-08-902-623-49 Sequence 49, Appl
44	28	100.0	8 2	US-08-750-138-6 Sequence 6, Appl
45	28	100.0	9 1	US-08-487-850A-144 Sequence 144, App

ALIGNMENTS

RESULT 1  
US-07-959-946-6  
Sequence 6, Application US/07959946  
Patent No. 5408038  
GENERAL INFORMATION:  
APPLICANT: Smith, Richard K.  
APPLICANT: Koduri, Raju  
APPLICANT: Young, Stephen G.  
APPLICANT: Witzlum, Joseph L.  
APPLICANT: Curtiss, Linda K.  
TITLE OF INVENTION: Lipoprotein Assays Using Antibodies to a  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &  
ADDRESSEE: Milnamow, Ltd.  
STREET: 180 No. 5408038th Stetson, Suite 4700  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/959,946  
FILING DATE: 19921008  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/901,706  
FILING DATE: 18-JUN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Gamson, Edward P.  
REGISTRATION NUMBER: 29,381  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)616-5400  
TELEFAX: (312)616-5460  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-07-959-946-6  
Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
|||||  
Db 1 GGGGS 5

## RESULT 2

US-08-176-500-140  
; Sequence 140, Application US/08176500  
; Patent No. 5498538  
; GENERAL INFORMATION:  
; APPLICANT: Kay, B. K.  
; TITLE OF INVENTION: Totally Synthetic Affinity Reagents  
; NUMBER OF SEQUENCES: 141  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/176,500  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/013,416  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mistrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 1101-143  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212 790-9090  
; TELEFAX: 212 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: peptide  
US-08-176-500-140

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1,3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
|||||  
Db 1 GGGGS 5

## RESULT 3

US-08-471-052A-140  
; Sequence 140, Application US/08471052A  
; Patent No. 5625033  
; GENERAL INFORMATION:  
; APPLICANT: Kay, B. K.  
; APPLICANT: Fowles, D. M.  
; TITLE OF INVENTION: Totally Synthetic Affinity Reagents  
; NUMBER OF SEQUENCES: 166  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,052A  
; FILING DATE: 06-JUNE-1995  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mistrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 1101-179  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212 790-9090  
; TELEFAX: 212 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: peptide  
US-08-471-052A-140

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1,3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
|||||  
Db 1 GGGGS 5

## RESULT 4

US-08-225-224-54  
; Sequence 54, Application US/08225224  
; Patent No. 5635599  
; GENERAL INFORMATION:  
; APPLICANT: PASTAN, Ira  
; APPLICANT: KREITMAN, Robert J.  
; TITLE OF INVENTION: CIRCULARLY PERMUTATED LIGANDS AND  
; TITLE OF INVENTION: CIRCULARLY PERMUTED FUSION PROTEINS  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Hourie and Crew  
; STREET: Stuart Street Tower, One Market Plaza  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: US  
; ZIP: 94105-1493  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/225,224  
; FILING DATE: 8-APR-1994  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weber, Ellen L.  
; REGISTRATION NUMBER: 32,762  
; REFERENCE/DOCKET NUMBER: 15280-193  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 543-9600

TELEFAX: (415) 543-5043  
; INFORMATION FOR SEQ ID NO: 54:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: peptide  
US-08-225-224-54

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GGGGS 5  
| | | | |  
DB 1 GGGGS 5

RESULT 5  
US-08-236-918A-18  
; Sequence 18, Application US/08236918A  
; Patent No. 5674704  
; GENERAL INFORMATION:  
; APPLICANT: Alderson, Mark R.  
; APPLICANT: Goodwin, Raymond G.  
; APPLICANT: Smith, Craig A.  
; TITLE OF INVENTION: Cytokine Designated 4-1BB Ligand  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kathryn A. Anderson, Immunex Corporation  
; STREET: 51 University Street  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: Apple Power Macintosh  
; OPERATING SYSTEM: Apple 7.5.3  
; SOFTWARE: Microsoft Word, Version #6.0.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/236,918A  
; FILING DATE: 06-May-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/060,843  
; FILING DATE: 07-May-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Anderson, Kathryn A.  
; REGISTRATION NUMBER: 32,172  
; REFERENCE/DOCKET NUMBER: 2801-B  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 587-0430  
; TELEFAX: (206) 233-0644  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-236-918A-18

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GGGGS 5  
| | | | |  
DB 1 GGGGS 5

RESULT 6  
US-08-463-163-1  
; Sequence 1, Application US/08463163  
; Patent No. 566237  
; GENERAL INFORMATION:  
; APPLICANT: Fitzgerald, David J.  
; APPLICANT: Chaudhary, Vijay K.  
; APPLICANT: Pastan, Ira H.  
; APPLICANT: Waldmann, Thomas A.  
; APPLICANT: Queen, Cary L.  
; TITLE OF INVENTION: Recombinant Antibody-Toxin Fusion Protein  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew  
; STREET: One Market Plaza, Steuart Street Tower  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105-1492

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/463,163  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 536  
; APPLICATION DATA:  
; APPLICATION NUMBER: US 06/227,227  
; FILING DATE: 22-JAN-1981  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 06/911,227  
; FILING DATE: 24-SEP-1986  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,361  
; FILING DATE: 21-APR-1989  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/865,722  
; FILING DATE: 08-APR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weber, Ellen L.  
; REGISTRATION NUMBER: 32,762  
; REFERENCE/DOCKET NUMBER: 015280-12211  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 543-9600  
; TELEFAX: (415) 543-5043  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-463-163-1

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GGGGS 5  
| | | | |  
DB 1 GGGGS 5

RESULT 7  
US-08-566-800A-58  
; Sequence 58, Application US/08566800A  
; Patent No. 5736364  
; GENERAL INFORMATION:

APPLICANT: Kelley, Robert F.  
APPLICANT: Lazarus, Robert A.  
APPLICANT: Lee, Geoffrey F.  
TITLE OF INVENTION: No. 5736364e1 Factor VIIa Inhibitors  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/566,800A  
FILING DATE: 04-Dec-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kubinec, Jeffrey S.  
REGISTRATION NUMBER: 36,575  
REFERENCE/DOCKET NUMBER: P0958B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-8228  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-08-566-800A-58

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
DB 1 GGGGS 5

RESULT 8  
US-08-244-469-5  
Sequence 5, Application US/08244469  
Patent No. 5736387  
GENERAL INFORMATION:  
APPLICANT: Paul, Ralph W.  
APPLICANT: Overell, Robert  
TITLE OF INVENTION: ENVELOPE FUSION VECTORS FOR USE IN GENE  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOKSTER  
STREET: 755 PAGE MILL ROAD  
CITY: PALO ALTO  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,469  
FILING DATE: 01-JUN-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

NAME: Dylan, Tyler M.  
REGISTRATION NUMBER: 37,612  
REFERENCE/DOCKET NUMBER: 22627-20007.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141 MRSNFOR SFO  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-244-469-5

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
DB 1 GGGGS 5

RESULT 9  
US-08-189-331-140  
Sequence 140, Application US/08189331  
Patent No. 5747334  
GENERAL INFORMATION:  
APPLICANT: Kay, B. K.  
APPLICANT: Fowlkes, D. M.  
TITLE OF INVENTION: Totally Synthetic Affinity Reagents  
NUMBER OF SEQUENCES: 186  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/189,331  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-155  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 140:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-189-331-140

Query Match 100.0%; Score 28; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 10

US-08-333-577-6  
Sequence 6, Application US/08333577

Patent No. 5786206

GENERAL INFORMATION:

APPLICANT: Smith, Richard K.

APPLICANT: Koduri, Raju

APPLICANT: Young, Stephen G.

APPLICANT: Witzum, Joseph L.

APPLICANT: Curtiss, Linda K.

TITLE OF INVENTION: Lipoprotein Assays Using Antibodies to a

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &

STREET: 180 No. 5786206th Stetson, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/333,577

FILING DATE:

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Gamson, Edward P.

REGISTRATION NUMBER: 29,381

REFERENCE/DOCKET NUMBER: SCRF 234.0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312)616-5400

TELEFAX: (312)616-5460

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-333-577-6

Query Match

Best Local Similarity 100.0%; Score 28; DB 1; Length 5;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 11

US-08-575-361A-32

Sequence 32, Application US/08575361A

Patent No. 5792640

GENERAL INFORMATION:

APPLICANT: Chandrasegaran, Srinivasan

TITLE OF INVENTION: A GENERAL METHOD TO CLONE HYBRID

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cushman Darby & Cushman L.L.P.

STREET: 1100 New York Avenue, NW, Ninth Floor, East

TOWER: Washington

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3918

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/575,361A

FILING DATE: 20-DEC-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Kokulis, Paul N.

REGISTRATION NUMBER: 16,773

REFERENCE/DOCKET NUMBER: PNK/4130/213779/DJP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944

TELEX: 6714627 CUSH

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-08-575-361A-32

Query Match

Best Local Similarity 100.0%; Score 28; DB 1; Length 5;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5

Db 1 GGGGS 5

RESULT 12

US-08-564-955-64

Sequence 64, Application US/08564955

Patent No. 5811238

GENERAL INFORMATION:

APPLICANT: STEWART, WILEM P.C.

TITLE OF INVENTION: METHODS FOR GENERATING POLYNUCLEOTIDES

TITLE OF INVENTION: HAVING DESIRED CHARACTERISTICS BY ITERATIVE SELECTION AND

NUMBER OF SEQUENCES: 67

CORRESPONDENCE ADDRESS:

ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW

STREET: TWO EMBARCADERO CENTER, 8TH FLOOR

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: U.S.A.

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/564,955

FILING DATE: 30-NOV-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/198,431

FILING DATE: 17-FEB-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/537,874

FILING DATE: 30-OCT-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/02126

FILING DATE: 17-FEB-1995

ATTORNEY/AGENT INFORMATION:  
NAME: DUNN, TRACY J.  
REGISTRATION NUMBER: 34,587  
REFERENCE/DOCKET NUMBER: 16528J-014611US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-564-955-64

Query Match 100.0%; Score 28; DB 2; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
11111  
DB 1 GGGGS 5

RESULT 13  
US-08-528-523-13  
Sequence 13, Application US/08528523  
Patent No. 5824782

GENERAL INFORMATION:  
APPLICANT: Hoelzer, Wolfgang  
APPLICANT: von Hoegen, Ilka  
APPLICANT: Strittmatter, Wolfgang  
APPLICANT: Matzku, Siegfried  
TITLE OF INVENTION: Immunocojugates II  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Millen, White, Zelano & Branigan, P.C.  
STREET: 2200 Clarendon Boulevard, Suite 1400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22201

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/528,523  
FILING DATE: 06-NOV-1992  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 94114572.4  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hamlet-King, Diana

REGISTRATION NUMBER: 33,302  
REFERENCE/DOCKET NUMBER: Merck 1717  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-243-6333  
TELEFAX: 703-243-6410  
TELEX: 64191

INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
FRAGMENT TYPE: Internal  
US-08-528-523-13

Query Match 100.0%; Score 28; DB 2; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
11111  
DB 1 GGGGS 5

RESULT 14  
US-08-537-874-62  
Sequence 62, Application US/08537874  
Patent No. 5830721

GENERAL INFORMATION:  
APPLICANT: Stemmer, Willem P.C.  
APPLICANT: Cramerl, Andreas  
TITLE OF INVENTION: DNA Mutagenesis by Random Fragmentation  
TITLE OF INVENTION: and Reassembly  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/537,874  
FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP PCT/US95/02126  
FILING DATE: 17-FEB-1995  
APPLICATION NUMBER: US 08/198,431  
FILING DATE: 17-FEB-1994

## ATTORNEY/AGENT INFORMATION:

NAME: Liebeschuetz, Joe  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 018097-014610  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-576-0200  
TELEFAX: 415-576-0300  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant

US-08-537-874-62

Query Match 100.0%; Score 28; DB 2; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGGS 5  
11111  
DB 1 GGGGS 5

RESULT 15  
US-08-448-418-86  
Sequence 86, Application US/08448418  
Patent No. 5837242  
GENERAL INFORMATION:  
APPLICANT: Holliger, Kaspar-Philipp

APPLICANT: Griffiths, Andrew D  
 APPLICANT: Hoogenboom, Hendricus RJM  
 APPLICANT: Malmqvist, Magnus  
 APPLICANT: Marks, James D  
 APPLICANT: McGuinness, Brian T  
 APPLICANT: Pope, Anthony R  
 APPLICANT: Prospero, Terence D  
 APPLICANT: Winter, Gregory P  
 TITLE OF INVENTION: Multivalent and Multispecific Binding  
 TITLE OF INVENTION: Proteins, Their Manufacture and Use  
 NUMBER OF SEQUENCES: 106  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Marshall O'Toole Gerstein Murray and Borun  
 STREET: 6300 Sears Tower 233 South Wacker Drive  
 CITY: Chicago  
 STATE: Illinois  
 COUNTRY: USA  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/448,418  
 FILING DATE: 14-MAY-1996  
 CLASSIFICATION: C12N 15/62, 15/70, C07K 1/00  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/GB93/02492  
 FILING DATE: 03-DEC-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: GB 9225453.1  
 FILING DATE: 04-DEC-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: GB 9300816.7  
 FILING DATE: 16-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 93303614.7  
 FILING DATE: 10-MAY-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: GB 9319969.3  
 FILING DATE: 22-SEP-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: David W. Clough  
 REGISTRATION NUMBER: 36,107  
 INFORMATION FOR SEQ ID NO: 86:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide linker  
 US-08-448-418-86

Query Match 100.0%; Score 28; DB 2; Length 5;  
 Best Local Similarity 100.0%; Pred. NO. 1.3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 OY 1 GGGGS 5  
 11111  
 Db 1 GGGGS 5

Search completed: March 15, 2001, 10:53:25  
 Job time: 1034 sec